



US 20170092270A1

(19) **United States**

(12) **Patent Application Publication**
NEWENDORP et al.

(10) **Pub. No.: US 2017/0092270 A1**

(43) **Pub. Date: Mar. 30, 2017**

(54) **INTELLIGENT DEVICE IDENTIFICATION**

G10L 15/30 (2006.01)

G06F 3/16 (2006.01)

(71) Applicant: **Apple Inc.**, Cupertino, CA (US)

(52) **U.S. Cl.**

(72) Inventors: **Brandon J. NEWENDORP**, Cupertino, CA (US); **Lia T. NAPOLITANO**, San Francisco, CA (US)

CPC **G10L 15/22** (2013.01); **G10L 15/30** (2013.01); **G06F 3/167** (2013.01); **H04N 5/4403** (2013.01); **G06K 9/00885** (2013.01); **G10L 2015/223** (2013.01); **H04N 2005/4432** (2013.01); **H04N 2005/443** (2013.01)

(21) Appl. No.: **15/144,618**

(22) Filed: **May 2, 2016**

Related U.S. Application Data

(60) Provisional application No. 62/235,546, filed on Sep. 30, 2015.

Publication Classification

(51) **Int. Cl.**

G10L 15/22 (2006.01)

G06K 9/00 (2006.01)

H04N 5/44 (2006.01)

(57)

ABSTRACT

Systems and processes for intelligent device identification are provided. In one example process, audio input may be sampled with a microphone at each of two or more of the plurality of electronic devices. A first electronic device of the plurality of electronic devices for determining a task associated with sampled audio input may be identified. The process may determine the task based on the sampled audio input with the first electronic device and identify identifying a second electronic device of the plurality of electronic devices for performing the task. The task be performed with the second electronic device. The second electronic device is not the first electronic device in some examples.

